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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/760,612	01/16/2001	Scott Howard Prager	3330/51	4895

29858	7590	06/04/2004

BROWN, RAYSMAN, MILLSTEIN, FELDER & STEINER LLP
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NEW YORK, NY 10022

EXAMINER
DUONG, THOMAS

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 06/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

Office Action Summary	Application No.	Applicant(s)
	09/760,612	PRAGER, SCOTT HOWARD
	Examiner	Art Unit
	Thomas Duong	2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *16 January 2001*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-19* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-19* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *16 January 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All b)☐ Some * c)☐ None of:

   1.☐ Certified copies of the priority documents have been received.

   2.☐ Certified copies of the priority documents have been received in Application No. _____.

   3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
      application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
   Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Specification

1.   Applicant is reminded of the proper language and format for an abstract of the

disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a

separate sheet within the range of 50 to 150 words. It is important that the abstract not

exceed 150 words in length since the space provided for the abstract on the computer

tape used by the printer is limited. The form and legal phraseology often used in patent

claims, such as "means" and "said," should be avoided. The abstract should describe

the disclosure sufficiently to assist readers in deciding whether there is a need for

consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in

the title. It should avoid using phrases which can be implied, such as, "The disclosure

concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by
another filed in the United States before the invention by the applicant for patent or (2) a patent
granted on an application for patent by another filed in the United States before the invention by the
applicant for patent, except that an international application filed under the treaty defined in section
351(a) shall have the effects for purposes of this subsection of an application filed in the United States
only if the international application designated the United States and was published under Article 21(2)
of such treaty in the English language.

3.   _Claims 1-5 and 9-19_ are rejected under 35 U.S.C. 102(e) as being anticipated by Arnold

et al. (US006167449A).

4.   With regard to _claims 1, 9-10, 13 and 19_, Arnold reference discloses,

- _capturing a search (queries) for invocable logic units (registered services) issued_

from the second system (interface 120); (Arnold, col.3, lines 55-58; Arnold

teaches of a client computer querying the servers for externally accessible

registered services)

- _returning a list of one or more externally invocable logic units of the first system_

as a result for the captured search; (Arnold, col.4, lines 10-16; Arnold teaches of

a client computer receiving the result from querying the servers for externally

accessible registered services)

- _capturing a command to invoke a logic unit issued from the second system; and_

(Arnold, col.4, lines 22-25; Arnold teaches of launching specialized application for

externally accessing the registered services)

- _if the logic unit identified in the captured command is a listed logic unit, causing_

the first system to invoke the identified logic unit, receiving the results of the

invocation of the identified logic unit from the first system, and returning the

results to the second system. (Arnold, col.4, lines 22-25; Arnold teaches of

launching specialized application for externally accessing the registered services)

5.   With regard to _claims 2, 11-12 and 17-18_, Arnold reference discloses,

- _wherein the list identifies the externally invocable logic units of the first system_

that match a search pattern. (Arnold, col.4, lines 10-16; col.7, lines 7-11; Arnold

teaches of a client computer receiving the result from querying the servers for

externally accessible registered services)

6.   With regard to *claims 3-5 and 14-16*, Arnold reference discloses,

- *wherein causing the first system to invoke the identified logic unit comprises:*

    o *extracting data associated with the identified logic unit from the second system; providing the extracted data to the first system; and instructing the first system to invoke the identified logic unit.* (Arnold, col.12, lines 31-35; Arnold teaches of converting the resulted data from one format into another format)

- *wherein providing the extracted data comprises:*

    o *converting the extracted data from a format associated with the second system to a format associated with the first system; and passing the converted data to the first system.* (Arnold, col.12, lines 31-35; Arnold teaches of converting the resulted data from one format into another format)

7.   *Claims 6-8* are rejected under 35 U.S.C. 102(e) as being anticipated by Arnold et al. (US006167449A).

8.   With regard to *claims 6-8*, Arnold reference discloses,

- *capturing, at the third system (network of servers 122), a search (queries) for invocable logic units (registered services) issued from the second system (NSL Manager 114 and plug-ins 118);* (Arnold, col.3, lines 55-58; col.5, lines 12-60; fig.2; Arnold teaches of an application, which may runs from a client computer, querying the NSL Manager, which may run on a separate machine suggested by the dashed box, for externally accessible registered services from the network servers)

- *returning, from the third system to the second system, a list of one or more externally invocable logic units of the first system as a result for the captured search;* (Arnold, col.4, lines 10-16; col.5, lines 12-60; fig.2; Arnold teaches of a client computer receiving the result from querying the servers for externally accessible registered services)

- *capturing, at the third system, a command to invoke a logic unit issued from the second system; and* (Arnold, col.4, lines 22-25; col.5, lines 12-60; fig.2; Arnold teaches of launching specialized application for externally accessing the registered services)

- *if the logic unit identified in the captured command is a listed logic unit, causing, from the third system, the first system to invoke the identified logic unit, receiving, at the third system, the results of the invocation of the identified logic unit from the first system, and returning the results to the second system from the third system.* (Arnold, col.4, lines 22-25; col.5, lines 12-60; fig.2; Arnold teaches of launching specialized application for externally accessing the registered services)

Conclusion

9.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- Rosenblatt et al. (US006263363B1)

- Fawcett (US005845077A)

- Duursma et al. (US006643690B2)

- Jones et al. (US006026429A)

- Bober (US006718372B1)

- Agrawal et al. (US004825354)

- Truong (US005898835A)

10.   Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Thomas Duong whose telephone number is 703/305-1886. The

examiner can normally be reached on M-F 7:30AM - 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, David A Wiley can be reached on 703/308-5221. The fax phone numbers for

the organization where this application or proceeding is assigned are 703/872-9306 for

regular communications and 703/872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is 703/305-3900.

Thomas Duong (AU2143)

May 28, 2004
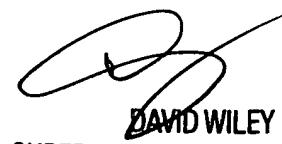
DAVID WILEY
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